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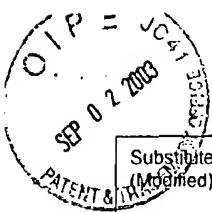
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|--|--|---------------------------------------|-------------------------------|
| Substitute Form PTO-1449<br>(Modified)   | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>08919-094001 | Application No.<br>10/630,343 |
| <b>Information Disclosure Statement<br/>by Applicant</b><br>(Use several sheets if necessary)<br>(37 CFR §1.98(b)) |  | Applicant<br>Tsann-Long Su et al.     |                               |
|  |  | Filing Date<br>July 30, 2003          | Group Art Unit                |

| U.S. Patent Documents |           |                 |                  |                 |       |          |                            |
|-----------------------|-----------|-----------------|------------------|-----------------|-------|----------|----------------------------|
| Examiner Initial      | Desig. ID | Document Number | Publication Date | Patentee        | Class | Subclass | Filing Date If Appropriate |
| CA                    | AA        | 5,939,428       | 08/17/1999       | Su et al.       | 514   | 297      | —                          |
| CA                    | AB        | 5,354,864       | 10/11/1994       | Watanabe et al. | 546   | 106      | —                          |
|                       | AC        |                 |                  |                 |       |          |                            |

| Foreign Patent Documents or Published Foreign Patent Applications |           |                 |                  |                          |       |          |             |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|
| Examiner Initial  | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |
|   |           |                 |                  |                          |       |          | Yes No      |
|   | AD        |                 |                  |                          |       |          |             |
|   | AE        |                 |                  |                          |       |          |             |
|   | AF        |                 |                  |                          |       |          |             |

| Other Documents (include Author, Title, Date, and Place of Publication) |           |   |
|---|-----------|---|
| Examiner Initial  | Desig. ID | Document  |
| CA  | AG        | Zaimen A. Arlin, "Current Status of Amsacrine (AMSA) Combination Chemotherapy Programs in Acute Leukemia", <u>Cancer Treatment Reports</u> , Vol 67, No. 11, pp. 967-970 (November 1983)  |
| CA  | AH        | Bruce C. Baguley, et al., "Potential Antitumor Agents. 34. Quantitative Relationships between DNA Binding and Molecular Structure for 9-Anilinoacridines Substituted in the Anilino Ring", <u>J. Med. Chem.</u> , Vol. 24, pp. 170-177 (1981)   |
| CA  | AI        | Bruce C. Baguley, et al., "Synthesis, Antitumor Activity, and DNA Binding Properties of a New Derivative of Amsacrine, N-5-Dimethyl-9-[(2-methoxy-4-methylsulfonylamino)phenylamino]-4-acridinecarboxamide <sup>1,2</sup> ", <u>Cancer Research</u> , Vol. 44, pp. 3245-3251 (August, 1984) |
| CA  | AJ        | B.F. Cain et al., "The Experimental Antitumour Properties of Three Congeners of the Acridylmethanesulphonanilide (AMSA) Series" <u>European Journal of Cancer</u> , Vol. 10, No. 8, pp. 539-549 (August 1974)   |
| CA  | AK        | Bruce F. Cain et al., "Potential Antitumor Agents. 16. 4'-(Acridin-9-ylamino)methanesulfonanilides", <u>Journal of Medicinal Chemistry</u> , Vol. 18, No. 11, pp. 1110-1117 (1975)  |
| CA  | AL        | Bruce F. Cain et al., "Potential Antitumor Agents. 14. Acridylmethanesulfonanilides", <u>Journal of Medicinal Chemistry</u> , Vol. 17, No. 9, pp. 922-930 (1974)  |
| CA  | AM        | William A. Denny et al., "Potential Antitumor Agents. 36. Quantitative Relationships between Experimental Antitumor Activity, Toxicity, and Structure for the General Class of 9-Anilinoacridine Antitumor Agents", <u>J. Med. Chem.</u> , Vol. 25, pp. 276-315 (1982)                      |
| CA  | AN        | Gordon W. Rewcastle et al., "Potential Antitumor Agents. 46. Structure-Activity Relationships for Acridine Monosubstituted Derivatives of the Antitumor Agent N-[2-(Dimethylamino)ethyl]-9-aminoacridine-4-carboxamide", <u>J. Med. Chem.</u> , Vol. 29, pp. 472-477 (1986)                 |
| CA  | AO        | J.G. C. Robertson et al., "Differences in the metabolism of the antitumour agents amsacrine and its derivative CI-921 in rat and mouse", <u>Xenobiotica</u> , Vol. 22, No. 6, pp. 657-669 (1992)  |

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|--|----------|-----------------|---------|
| Examiner Signature   | DAW/LACK | Date Considered | 4-12-04 |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |          |                 |         |



Sheet 2 of 2

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| Examiner Initial  | Desig. ID | Document  |
| CA  | BA        | G. C. Robertson et al., "Involvement of Glutathione in the Metabolism of the Anilinoacridine Antitumour Agents CI-921 and Amsacrine", <u>Drug Metabolism and Drug Interactions</u> , Vol. VI, No. 3-4, pp. 371-381 (1988)   |
| CA  | BB        | T. D. Sakore et al., "Visualization of Drug-Nucleic Acid Interactions at Atomic Resolution", <u>J. Mol. Biol.</u> , Vol. 135, pp. 763-785 (1979)  |
| CA  | BC        | D. D. Shoemaker et al., "Identification of the Principal Biliary Metabolite of 4'-(9-Acidinylamino)Methanesulfon-m-Aniside in Rats", <u>Drug Metabolism and Disposition</u> , Vol. 10, No. 1, pp. 35-39 (Jan/Feb 1982)  |
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| CA  | BE        | Su et al., "A new class of water soluble acridinyl derivatives that exhibit Topo II mediated DNA cleavage and antitumor efficacy", <u>Am. Cancer Res.</u> , 368, 2190 (1994) from the abstract book of the 85 <sup>th</sup> meeting of the American Association for Cancer Research (April 10-13, 1994) |
| CA  | BF        | Su et al., "9-Substituted Acridine Derivatives with Long Half-Life and Potent Antitumor Activity: Synthesis and Structure – Activity Relationships", <u>J. Med. Chem.</u> , Vol. 38, pp. 3226-3235 (1995)   |
| CA  | BG        | Su et al., "Synthesis and Structure – Activity Relationships of Potential Anticancer Agents: Alkylcarbamates of 3-(9-Acidinylamino)-5-hydroxymethylaniline", <u>J. Med. Chem.</u> , Vol. 42, pp. 4741-4748 (1999)   |
| CA  | BH        | Su et al., "Development of 3-(9-Acidinylamino)-5-hydroxymethyl-anilines as Potential Topoisomerase II-Mediated Anticancer Agents", <u>Cancer Detect. Prev. 2000/Suppl.</u> , Vol. 24, pp. 211 (2000)  |
|   | BI        |   |
|   | BJ        |   |

|  |                 |
|--|-----------------|
| Examiner Signature   | Date Considered |
| AULACK   | 4.12.04         |
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